

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as

United States Application Serial Number \_\_\_\_\_ or PCT International Application

Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

186830/2000 Japan 21 June 2000  
(Number) (Country) (Day/Month/Year Filed)

☒ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT International application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)  
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)  
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Charles A. Laff (19787); J. Warren Whitesel (16830); Larry L. Saret (27674); Martin L. Stern (28911); Barry W. Sufrin (27398); Kevin C. Trock (37745).

Send Correspondence to: LAFF, WHITESEL & SARET, LTD., 401 North Michigan Avenue, Chicago, Illinois 60611

Direct Telephone Calls to: J. Warren Whitesel  
at telephone No. (312) 661-2100.

Full name of sole or first inventor

OSAMU TAKAGI

Inventor's signature

*Osamu Takagi*

Date

June 6, 2001

Residence

Oume-shi, Tokyo, Japan

Citizenship

Japanese

Post Office Address

c/o JAE Engineering, Ltd., 1-1, Musashino 3-chome, Akishima-shi, Tokyo, Japan

Full name of second joint inventor, if any

KAZUMI TAKISHIMA

Second Inventor's signature

*Kazumi Takishima*

Date

June 6, 2001

Residence

Tachikawa-shi, Tokyo, Japan

Citizenship

Japanese

Post Office Address

c/o Japan Aviation Electronics Industry, Limited, 21-2, Dogenzaka 1-chome,

Shibuya-ku, Tokyo, Japan

(Supply similar information and signature for third and subsequent joint inventors.)

☒ Additional inventors are being named on separately numbered sheets attached hereto.

Full name of third joint inventor, if any YOSHIFUMI KUBOTA	
Third Inventor's signature <i>Yoshifumi Kubota</i>	Date June 6, 2001
Residence Nishitama-gun, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o Japan Aviation Electronics Industry, Limited, 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan	
Full name of fourth joint inventor, if any YASUFUMI HAYASHI	
Fourth Inventor's signature <i>Yasufumi Hayashi</i>	Date June 6, 2001
Residence Tachikawa-shi, Tokyo, Japan	
Citizenship Japanese	
Post Office Address c/o Japan Aviation Electronics Industry, Limited, 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan	
Full name of fifth joint inventor, if any	
Fifth Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

06-26-2001



COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of

101759841

and the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

1) Osamu TAKAGI; 2) Kazumi TAKISHIMA;  
3) Yoshifumi KUBOTA; 4) Yasufumi HAYASHI.

MRB  
6-13-01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

☐ Other: \_\_\_\_\_

Execution Date: JUNE 6, 2001

4. Nature of submission:

☒ New  
☐ Resubmission (Non-Recordation) Document ID# \_\_\_\_\_  
☐ Correction of PTO error

Reel #: \_\_\_\_\_ Frame #: \_\_\_\_\_

☐ Corrective Document

Reel #: \_\_\_\_\_ Frame #: \_\_\_\_\_

2. Name and address of receiving party(ies):

Name: Japan Aviation Electronics Industry, Limited

Internal Address:

Street Address: 21-2, Dogenzaka 1-chome,  
Shibuya-ku, Tokyo  
JAPAN

10973 U.S. PRO  
09/880608  
06/13/01

Additional name(s) & address(es) attached? ☐ Yes ☒ No

5. Application number(s) or registration number(s):

A. Patent Application No(s).

09880608

ATTORNEY DOCKET NO.: 380-313

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

6. Correspondent name and address:

LAFF, WHITESEL & SARET, LTD.  
ATTORNEYS AT LAW  
401 NORTH MICHIGAN AVENUE, SUITE 1700  
CHICAGO, ILLINOIS 60611-4212

Direct telephone calls to: J. Warren Whitesel  
at telephone no. (312) 661-2100 or fax no. (312) 661-0029

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents and Trademarks, Box Assignments, Washington, DC 20231 on \_\_\_\_\_

Typed name: \_\_\_\_\_

7. Total number of applications/patents involved: 1

Total fee (37 CFR 3.41) ..... \$ 40.00

☒ Enclosed  
☒ Authorized to be charged to deposit account #12-0064  
☒ Authorization to charge additional fees (deficiencies)

(Attach duplicate copy of this page if paying by deposit account)

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8. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized.

J. Warren Whitesel

Name of Person Signing

[Signature]  
Signature

6-13-01  
Date

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents & Trademarks, Box Assignments  
Washington, DC 20231

PATENT

REEL: 011917 FRAME: 0213

## ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

OSAMU TAKAGI, KAZUMI TAKISHIMA, YOSHIFUMI KUBOTA and YASUFUMI HAYASHI

hereby assigns, transfers and sets over to:

JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED  
21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

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for which a United States Patent Application ☒ is executed concurrently herewith; ☐ was executed on \_\_\_\_\_;  
☐ was filed on \_\_\_\_\_ as \_\_\_\_\_ and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of LAFF, WHITESEL & SARET, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date	June 6, 2001	Signature of Inventor	<u>Osamu Takagi</u>	(SEAL)	OSAMU TAKAGI
Date	June 6, 2001	Signature of Inventor	<u>Kazumi Takishima</u>	(SEAL)	KAZUMI TAKISHIMA
Date	June 6, 2001	Signature of Inventor	<u>Yoshifumi Kubota</u>	(SEAL)	YOSHIFUMI KUBOTA
Date	June 6, 2001	Signature of Inventor	<u>Yasufumi Hayashi</u>	(SEAL)	YASUFUMI HAYASHI

The execution by the inventor(s) should be witnessed by at least two witnesses who sign here. If this Assignment is signed outside the United States, it should preferably be signed before a United States Consul.

Witness Masaki Nagazumi  
Witness Marie Komatsu